

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
 Data File : VW020737.D
 Acq On : 01 Nov 2021 16:06
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

Quant Time: Nov 02 04:18:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:15:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.945	168	40973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	59997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	58065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	33337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	16083	40.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.280%		
35) Dibromofluoromethane	7.884	113	17654	49.659	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.320%		
50) Toluene-d8	10.323	98	61085	46.400	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.800%		
62) 4-Bromofluorobenzene	12.615	95	22167	44.921	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5772	56.755	ug/l	100
3) Chloromethane	2.209	50	11918	48.576	ug/l	100
4) Vinyl Chloride	2.355	62	24167	76.036	ug/l	100
5) Bromomethane	2.757	94	18527	116.071	ug/l	100
6) Chloroethane	2.910	64	10735	112.070	ug/l	100
7) Trichlorofluoromethane	3.239	101	7275	53.231	ug/l	100
8) Diethyl Ether	3.678	74	7988	48.340	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.056	101	18094	54.053	ug/l	100
10) Methyl Iodide	4.263	142	24100	62.512	ug/l	100
11) Tert butyl alcohol	5.172	59	4852	227.662	ug/l	100
12) 1,1-Dichloroethene	4.038	96	17311	53.516	ug/l	100
13) Acrolein	3.897	56	1513	171.607	ug/l	100
14) Allyl chloride	4.666	41	12838	28.398	ug/l	100
15) Acrylonitrile	5.361	53	17395	227.629	ug/l	100
16) Acetone	4.117	43	16025	188.210	ug/l	100
17) Carbon Disulfide	4.379	76	43388	49.262	ug/l	100
18) Methyl Acetate	4.678	43	10821	39.207	ug/l	100
19) Methyl tert-butyl Ether	5.422	73	21815	50.164	ug/l	100
20) Methylene Chloride	4.909	84	19336	44.636	ug/l	100
21) trans-1,2-Dichloroethene	5.422	96	19404	53.464	ug/l	100
22) Diisopropyl ether	6.312	45	35843	36.935	ug/l	100
23) Vinyl Acetate	6.251	43	105794	198.698	ug/l	100
24) 1,1-Dichloroethane	6.214	63	29152	45.122	ug/l	100
25) 2-Butanone	7.171	43	21293	205.315	ug/l	100
26) 2,2-Dichloropropane	7.165	77	17109	47.220	ug/l	100
27) cis-1,2-Dichloroethene	7.165	96	21242	53.583	ug/l	100
28) Bromochloromethane	7.513	49	11377	38.307	ug/l	100
29) Tetrahydrofuran	7.531	42	12581	201.501	ug/l	100
30) Chloroform	7.677	83	35945	51.743	ug/l	100
31) Cyclohexane	7.952	56	24325	37.639	ug/l	100
32) 1,1,1-Trichloroethane	7.866	97	28865	53.818	ug/l	100
36) 1,1-Dichloropropene	8.080	75	26415	49.998	ug/l	100
37) Ethyl Acetate	7.250	43	9102	41.606	ug/l	100
38) Carbon Tetrachloride	8.061	117	27602	55.410	ug/l	100
39) Methylcyclohexane	9.335	83	33164	51.692	ug/l	100
40) Benzene	8.323	78	74382	49.011	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	4663	36.627	ug/l	100
42) 1,2-Dichloroethane	8.397	62	21495	46.520	ug/l	100
43) Isopropyl Acetate	8.421	43	17135	41.037	ug/l	100
44) Trichloroethene	9.092	130	21798	53.747	ug/l	100
45) 1,2-Dichloropropane	9.372	63	16153	45.740	ug/l	100
46) Dibromomethane	9.457	93	11582	57.524	ug/l	100
47) Bromodichloromethane	9.646	83	27545	54.673	ug/l	100
48) Methyl methacrylate	9.433	41	7749	38.066	ug/l	100
49) 1,4-Dioxane	9.451	88	3447	1264.191	ug/l	100
51) 4-Methyl-2-Pentanone	10.207	43	48879	221.245	ug/l	100
52) Toluene	10.384	92	48553	52.016	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	25991	52.046	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	28510	49.911	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	16190	57.577	ug/l	100
56) Ethyl methacrylate	10.640	69	18477	54.176	ug/l	100
57) 1,3-Dichloropropane	10.933	76	25164	52.510	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	36792	229.114	ug/l	100
59) 2-Hexanone	10.963	43	34928	224.196	ug/l	100
60) Dibromochloromethane	11.128	129	20150	59.665	ug/l	100
61) 1,2-Dibromoethane	11.238	107	16792	61.582	ug/l	100
64) Tetrachloroethene	10.866	164	19950	53.961	ug/l	100
65) Chlorobenzene	11.658	112	56780	53.662	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.725	131	21435	55.277	ug/l	100
67) Ethyl Benzene	11.725	91	97187	51.549	ug/l	100
68) m/p-Xylenes	11.835	106	77565	105.685	ug/l	100
69) o-Xylene	12.164	106	37029	54.519	ug/l	100
70) Styrene	12.176	104	64216	55.129	ug/l	100
71) Bromoform	12.347	173	12808	59.589	ug/l #	100
73) Isopropylbenzene	12.463	105	100963	50.591	ug/l	100
74) N-amyl acetate	12.268	43	17203	39.376	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	19780	54.787	ug/l	100
76) 1,2,3-Trichloropropane	12.762	75	14184m	49.884	ug/l	100
77) Bromobenzene	12.743	156	25922	52.909	ug/l	100
78) n-propylbenzene	12.804	91	122450	49.948	ug/l	100
79) 2-Chlorotoluene	12.890	91	68301	48.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	87831	50.635	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.506	75	5886	51.698	ug/l	100
82) 4-Chlorotoluene	12.987	91	73174	48.753	ug/l	100
83) tert-Butylbenzene	13.207	119	77731	52.360	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	87099	50.439	ug/l	100
85) sec-Butylbenzene	13.384	105	113718	51.011	ug/l	100
86) p-Isopropyltoluene	13.493	119	97028	51.364	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	53381	53.204	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	48602	49.029	ug/l	100
89) n-Butylbenzene	13.822	91	90082	50.852	ug/l	100
90) Hexachloroethane	14.091	117	18241	52.232	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	43682	50.338	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3217	50.490	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	30772	51.320	ug/l	100
94) Hexachlorobutadiene	15.225	225	15622	41.430	ug/l	100
95) Naphthalene	15.365	128	61435	60.243	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	26571	49.596	ug/l	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

